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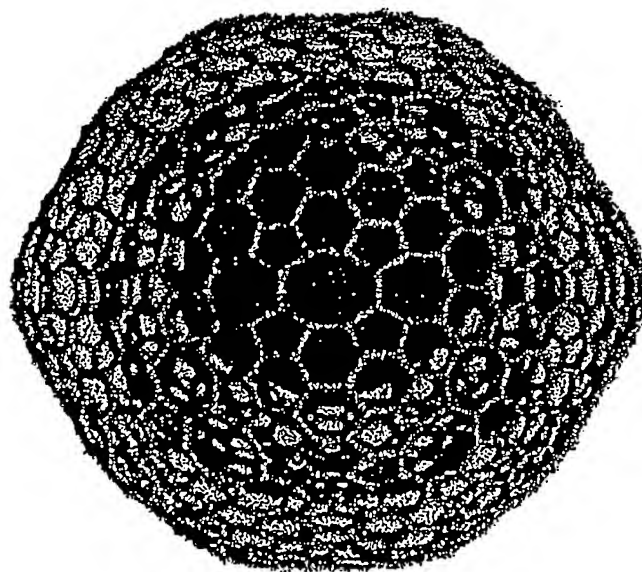
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(54) Title: MICROPARTICLES AND METHODS OF MAKING THEM



(57) **Abstract:** Microparticles having a ferromagnetic core encapsulated in a graphitic curved shell containing hetero atoms are prepared by providing a solution containing source material of a ferromagnetic metal, carbon and the hetero atoms e.g. N, forming solidified particles containing source material of the ferromagnetic metal, carbon and the hetero atoms from the solution, and pyrolysing the solidified particles in inert gas so as to form the ferromagnetic core and said encapsulating graphitic coating. Small particles, e.g. of core size 10 - 150 nm, having good particle size distribution can be obtained, which are useful in catalysis.

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